

SUBSTITUTE FORM PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. NOR-1147		SERIAL NO. 10/699,627	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)				APPLICANT Babiarz et al.			
				FILING DATE October 31, 2003		GROUP 3754	

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U.S. PATENT DOCUMENTS													
EXAMINER INITIAL	PATENT NUMBER	5	3	2	0	2	5	0	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
/BN/	A.A	5	3	2	0	2	5	0	06/1994	La et al.	—	—	
/BN/	A.B	5	4	6	5	8	7	9	11/1995	La et al.	—	—	
/BN/	A.C	5	7	4	7	1	0	2	05/1998	Smith et al.	—	—	
/BN/	A.D	6	0	6	8	2	0	2	05/2000	Hynes et al.	—	—	
/BN/	A.E	6	2	5	3	9	5	7	07/2001	Messery et al.	—	—	
/BN/	A.F	6	2	6	7	2	6	6	07/2001	Smith et al.	—	—	
/BN/	A.G	6	5	4	1	3	0	4	04/2003	Bouras et al.	—	—	
	A.H												
	A.I												
	A.J												
	A.K												

FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS							
DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION (YES/NO)		
A.L							
A.M							
A.N							
A.O							
A.P							
A.Q							

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)	
/BN/	A.R Precision Valve & Automation, <u>Flexibility in Conformal Coating for Small to Medium Size Users</u> , Website printout, 1999
/BN/	A.S Prentice et al., <u>Patent Application Publication No. US 2003/0084845 A1</u> , May 8, 2003
	A.T

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EXAMINER INITIAL		PATENT NUMBER							ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
/BN/	A.A	4	8	7	2	4	1	7	10/1989	Kuwabara et al.			
/BN/	A.B	4	9	5	1	6	0	0	08/1990	Soshi et al.			
/BN/	A.C	4	9	6	7	9	3	3	11/1990	Maiorca et al.			
/BN/	A.D	5	0	5	2	3	3	8	10/1991	Maiorca et al.			
/BN/	A.E	5	1	4	1	1	6	5	08/1992	Sharpless et al.			
/BN/	A.F	5	3	7	7	9	1	3	01/1995	Van Der Woude			
/BN/	A.G	5	5	0	5	7	7	7	04/1996	Ciardella et al.			
/BN/	A.H	5	7	1	1	9	8	9	01/1998	Ciardella et al.			
/BN/	A.I	5	7	9	5	3	9	0	08/1998	Cavallaro			
/BN/	A.J	5	8	1	9	9	8	3	10/1998	White et al.			
/BN/	A.K	5	8	3	7	8	9	2	11/1998	Cavallaro et al.			

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	A.P						
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OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)		
/BN/	A.R	Prentice et al., <u>U.S. Pub. No. US 2003/0091727 A1</u> , May 15, 2003
/BN/	A.S	Precision Valve & Automation, <u>Valves, Controllers, Tanks & Accessories, Manual Fluid Dispensing Systems</u> , Product Brochure, No Date
/BN/	A.T	Asymtek®, a Nordson Company, <u>AXIOM™ X-1020 Series, System Specifications</u> , Published July, 2003

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/BN/	B.A	5	9	0	6	6	8	2	05/1999	Bouras et al.				
/BN/	B.B	6	1	2	3	2	6	8	09/2000	Chastine				
/BN/	B.C	6	1	3	2	8	0	9	10/2000	Hynes et al.				
/BN/	B.D	6	1	7	3	8	6	4	01/2001	Reighard et al.				
/BN/	B.E	6	4	4	7	8	4	7	09/2002	Hynes et al.				
	B.F													
	B.G													
	B.H													
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	B.M						
	B.N						
	B.O						
	B.P						
	B.Q						

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)	
/BN/	B.R Alan Lewis, Alec J. Babiarz, <u>Automatic Dispensing Process for Under Filling Flip Chip on Board</u> , No date
/BN/	B.S Asymtek, <u>Jetting Underfill Achieves Record Quality and Speed</u> , Website Printout, October 14, 2003
/BN/	B.T Steven J. Adamson, <u>Review of CSP and Flip Chip Underfill Processes and When to Use the Right Dispensing Tools for Efficient Manufacturing</u> , GlobalTRONICS Technoogy Conference 2002, Singapore

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	C.B						
	C.C						
	C.D						
	C.E						
	C.F						
	C.G						
	C.H						
	C.I						
	C.J						
	C.K						

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C.M							
C.N							
C.O							
C.P							
C.Q							

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)		
/BN/	C.R	Alan Lewis, Christian Q. Ness, Brian Verilli, <u>Controlling Fillet Size in Underfill Process</u> , February 1999
/BN/	C.S	Remy Lim, Allen Duck, <u>Controlling Process Parameters for Flip-Chip Underfill</u> , Electronics Engineer, July 2000
/BN/	C.T	Alan Lewis, Alec Babiarz, Christian Q. Ness, EC Ng, <u>Best Practices in Automated Underfill Dispensing</u> , August 1998

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